

Appl. No. 10/812,112
Examiner: NGUYEN, HOANG V, Art Unit 2821
In response to the Office Action dated June 7, 2005

Date: August 1, 2005
Attorney Docket No. 10112312

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-7 (canceled)

Claim 8 (previously presented): A portable electronic device, comprising:

a display unit for displaying information;
a cover for housing said display unit;
a supporting structure for supporting said display unit on said cover; and
an antenna having a radiation element, a first grounding element and a second grounding element, wherein said first grounding element subtends an angle with said second grounding element and said first grounding element is attached to said supporting structure at an edge of said display unit, wherein said radiation element is disposed on a first side of said first ground element, and said second grounding element is disposed on a second side of said first grounding element.

Claim 9 (previously presented): The portable electronic device of claim 8, wherein said portable electronic device further comprises a computing unit rotatably connected to said cover.

Claim 10 (previously presented): The portable electronic device of claim 8, further comprising a back shielding plate disposed between said cover and said display unit.

Claim 11 (previously presented): The portable electronic device of claim 10, wherein said second grounding element is disposed between said display unit and said back shielding plate.

Claim 12 (previously presented): The portable electronic device of claim 8, wherein said first grounding element and said second grounding element form a monolithic structure.

Claim 13 (currently amended): A portable electronic device, comprising:
a display unit for displaying information;

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a cover for housing said display unit;
a supporting structure for supporting said display unit on said cover; and
an antenna having a radiation element and a first grounding element, wherein the first
grounding element is attached to said supporting structure at an edge of said
display unit; and
a fastening element for fixing said antenna on said supporting structure, wherein said
first grounding element comprises a hole to engage with said fastening element.

Claim 14 (previously presented): The portable electronic device of claim 13, wherein said portable electronic device further comprises a computing unit rotatably connected to said cover.

Claim 15 (canceled)

Claim 16 (canceled)

Claim 17 (currently amended): The portable electronic device of claim [[15]] 13, wherein said supporting structure further comprises a hole to engage with said fastening element.

Claim 18 (previously presented): The portable electronic device of claim 13, further comprising a second grounding element integrated with said first grounding element.

Claim 19 (previously presented): The portable electronic device of claim 18, further comprising a fastening element for fixing said antenna on said supporting structure.

Claim 20 (previously presented): The portable electronic device of claim 19, wherein said first grounding element further comprises a hole to engage with said fastening element.